

Table 3-1

**Sampling Locations and Rationale
Boiler Plant No. 3, Building 1076, Parcels 14(7) and 235(7)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Sample Location Rationale
SI03-GW01	Groundwater	A groundwater sample was collected from an existing compliance well adjacent to UST location (Parcel 14[7]) to determine if the USTs have impacted groundwater at the site.
SI03-GW02	Groundwater	A groundwater sample was collected from an existing compliance well downgradient of UST location to determine if the USTs have impacted groundwater at the site.
SI03-GWS01	Groundwater	A groundwater sample was collected from a temporary monitoring well installed upgradient of UST location.
SI03-GWS02	Groundwater	A groundwater sample was collected from a temporary monitoring well installed downgradient of UST location to determine if the USTs have impacted groundwater at the site.
SI03-SS01	Subsurface soil	Two subsurface soil samples were collected from a soil boring placed downgradient of UST location to determine the presence of petroleum constituents.
SI03-SS02	Subsurface soil	Two subsurface soil samples were collected from a soil boring placed downgradient of UST location to determine the presence of petroleum constituents.
SI03-SS03	Subsurface soil	Two subsurface soil samples were collected from a soil boring placed adjacent to UST location to determine the presence of petroleum constituents.
SI03-SS04	Subsurface soil	A subsurface soil sample was collected from a soil boring placed adjacent to UST location to determine the presence of petroleum constituents.

Table 3-2

**Soil Sample Designations and QA/QC Samples
Boiler Plant No. 3, Building 1076, Parcels 14(7) and 235(7)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Depth (ft bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
SI03-SS01	03-SS01A 03-SS01B	8-9 12-13	03-SS01A-FD*			VOCs, SVOCs, TAL Metals
SI03-SS02	03-SS02A 03-SS02B	8-9 11-12				VOCs, SVOCs, TAL Metals, TOC
SI03-SS03	03-SS03A 03-SS03B	8-9 12-13				VOCs, SVOCs, TAL Metals
SI03-SS04	03-SS04A	8-9				VOCs, SVOCs, TAL Metals

* Analyzed for VOCs only.

FD - Field duplicate.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

TAL - Target analyte list.

TCL - Target compound list.

VOC - Volatile organic compound.

SVOC - Semivolatile organic compound.

TOC - Total organic carbon.

Table 3-3

**Well Construction Summary
Boiler Plant No. 3 Building 1076, Parcel 14(7) and 235(7)
Fort McClellan, Calhoun County, Alabama**

Temporary Well	Northing	Easting	Well Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Well Material
SI03-GWS01	1175770.51	668455.82	15	4.5	0.0 - 14.5	1" ID Sch. 40 PVC
SI03-GWS02	1175787.36	668464.04	13	12.5	0.0 - 12.5	1" ID Sch. 40 PVC

Temporary wells installed using direct-push technology.

Well locations were not surveyed for elevation.

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum 1983.

1" ID Sch. 40 PVC - 1-inch inside diameter, Schedule 40, polyvinyl chloride.

bgs - Below ground surface.

ft - Feet.